

**IOWA DEPARTMENT OF NATURAL RESOURCES
WATER SUPPLY SECTION
CONSTRUCTION PERMIT APPLICATION**

SCHEDULE-14, Pumping Station

Date Prepared	Project Identity
Date Revised	

1. Identify the location and purpose of the pumping station: _____

2. Above or below grade station: _____
100 year flood elevation: _____ ; Site Elevation: _____
Method of surface drainage control: _____
Site protection from vandalism: _____

3. Design Data:

Pump Number	Pump #	Pump #	Pump #
Type of Pump			
Design Capacity (gpm) at TDH (ft)			
Efficiency of Pump at Design Capacity			
Motor Horsepower and Efficiency			
Type of Standby Power			

4. Safety Equipment:

a. Inlet low pressure cutoff pressure: _____

b. Discharge high level cutoff pressure: _____

c. Suction line compound gauge range: _____ psig to _____ psig

d. Discharge line pressure gauge range: _____ psig to _____ psig

5. Type of check valve provided for each pump: _____

6. Briefly explain the type and location of valves installed to allow pump isolation for repairs: _____

7. Type and range of flow totalizing meter: _____ spec. page no. _____

8. For the following, reference the page of the plans or specifications where the description can be found.

Materials and Construction Details	Plan or Specification Page Number
Suction Well	
Pump Lubrication	
Pump Priming	
Piping	
Door Locks	
Sanitary Facilities	

Materials and Construction Details	Plan or Specification Page Number
Heating	
Ventilating	
Dehumidification	
Lighting	
Crane or Hoist	

9. Is a service bypass provided? Yes ☐ No ☐ If yes, describe: _____

10. What is the slope of the pump station floor to facilitate drainage? _____

11. Floor drainage to: sump pump ☐ floor drain ☐ What type of sump pump or floor drain discharge is provided and where is the ultimate disposal location? _____